

WHAT IS CLAIMED IS:

1. A personalized motion imaging system, comprising:
 - a) a computer;
 - b) a motion image display device connected to the computer for displaying a motion image sequence to a viewer;
 - c) a camera connected to the computer for capturing an image of the viewer; and
 - d) an image processing program running on the computer for generating a real-time motion image sequence of an environment and integrating a motion image sequence of the viewer into the computer generated motion image sequence of the environment to produce a composite motion image sequence for display on a motion image display device.
2. The system claimed in claim 1, wherein the motion image sequence of the viewer is captured by the camera in real-time.
3. The system claimed in claim 1, wherein the motion image sequence of the viewer is generated by animating a still image captured by the camera.
4. The system claimed in claim 1, wherein the composite motion image sequence is displayed on the same motion image display device that is viewed by the viewer.
5. The system claimed in claim 1, wherein the composite motion image sequence is displayed on a motion image display device that is viewed by another viewer.
6. The system claimed in claim 1, wherein the motion image sequence is a stereo motion image sequence.

7. The system claimed in claim 6, wherein the motion image display device is a monocentric autostereoscopic display device.

8. The system claimed in claim 1, wherein the camera is a stereo camera.

9. The system claimed in claim 1, wherein the display further comprises a speaker for producing sounds associated with a displayed image sequence.

10. The system claimed in claim 9, further comprising a microphone for capturing spoken sounds from the viewer and wherein the computer includes means for integrating the captured sounds with the composite motion image.

11. The system claimed in claim 9, wherein the computer includes means for integrating audio recordings with the composite motion image.

12. The system claimed in claim 9, wherein the computer includes means for synthesizing speech from stored text and integrating the synthesized speech with the composite motion image.

13. The system claimed in claim 3, wherein the computer includes means for integrating audio recordings synchronized with an animated image of a speaker within the composite motion image.

14. The system claimed in claim 9, wherein the computer includes means for synthesizing speech from stored text and integrating the synthesized speech with an animated image of a speaker within the composite motion image.

15. The system claimed in claim 10, wherein the computer includes means for integrating recorded spoken sounds from the viewer with an animated image of a speaker within the composite motion image.

16. The system claimed in claim 3, wherein the computer includes means for expressing animated emotions not apparent in the original image of the viewer.

17. The system claimed in claim 1, further comprising an image output device for recording selected images or image sequences from the composite motion image sequence or for recording other generated images, scenes, or text evocative of the composite motion image sequence.